

Risk Register for	ARTIFICIAL ROCKCLIMBING
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School:

Supervising teachers/staff:

Program/Excursion:

Year Level:

Dates:

Location(s):

A qualitative measure of **consequence** or impact has been utilized as follows.

DESCRIPTOR	DETAILS
minor	No injuries, low financial loss. Inconsequential or no damage Little or no disruption to public/infrastructure
moderate	First aid treatment on site Some damage Some disruption to public Some financial loss
major	Medical treatment required Some hospitalisation Insufficient resources (human/material) Moderate damage Moderate disruption to public High financial loss
Catastrophic	Extensive injuries Significant hospitalisation Fatalities Extensive support/emergency personnel required Significant damage Significant disruption to public Major financial loss

A qualitative measure of the **likelihood** of the occurrence happening is:-

DESCRIPTOR	DETAILS
Rare	The event will only occur in highly exceptional circumstances.
Unlikely	The event could occur at some time
Likely	The event may occur in some circumstances
Almost certain	The event is expected to occur in most circumstances

NOTE

The Matrix in the last page of this assessment places assessed risks for this activity in the appropriate assessed risk profile area

CYC Limited
Artificial Rockclimbing – Risk Management Plan

Risk Description	Existing Control Measures	Risk Rating		
		Consequence	Likelihood	Control Effectiveness
Entanglement Hair, clothing or jewellery trapped in equipment	<ul style="list-style-type: none"> Long hair is to be tied back in a low style so the helmet may be fitted correctly There should be no loose jewellery or objects worn that may become entangled Clothing should be tucked away under the harness Harness ends should be tucked away before commencing climbing 	Moderate	Unlikely	Satisfactory
Striking 1. Falling object causing injury to spotter, instructor or bystanders	<ul style="list-style-type: none"> Boundary area is in place and identified to all participants Spotters must wear a helmet at all times Climbers should remove any loose objects from their pockets Effective group management by instructor 	Minor	Unlikely	Satisfactory
2. Climber hitting ground or swinging into belayer or waiting participants	<ul style="list-style-type: none"> Only roped climbing is allowed on the wall Wall is secured when not in use Controlled descent from belayer Bystanders should be watching from behind the boundary cones 	Moderate	Rare	Satisfactory
Slip – Trip – Fall Caused by or due to: 1. Climber falling from wall	<ul style="list-style-type: none"> Pre-activity briefing completed by instructor Belay training completed by instructor (if participants or group leaders are belaying) The climber is to be attached with two auto locking carabiners Instructor must physically check each attachment point, harness and helmet before allowing a participant to climb Climbing holds are tightened regularly Firmly fitting, covered footwear with a non-slip sole to be worn by participants 	Major	Unlikely	Satisfactory
2. Belayer skill level	<ul style="list-style-type: none"> Only camp program staff or trained group members / leaders who have been assessed as a competent belayer by a camp staff member may belay Belayers must have two other backup belayers on the dead end of the rope behind them Students are given time to practice belaying whilst being carefully monitored Belay teams are to be briefed on their responsibilities and must be alert at all times Supervising staff to directly observe belaying by students 	Moderate	Unlikely	Satisfactory
3. Injury to belayer caused by falling or losing balance	<ul style="list-style-type: none"> Belayer must be appropriately anchored throughout the climb (backup belayer or ground anchor) Belayer must be alert and concentrating at all times 	Minor	Rare	Satisfactory
4. Inappropriate use after hours	<ul style="list-style-type: none"> For multiple day usage, ropes are tied up out of harms way after last daily session When not being used for extended periods, ropes are taken down and replaced with accessory cord Wall is secured when not in use 	Moderate	Rare	Satisfactory
Equipment Failure 1. Faulty ropes, harnesses, carabiners, belay device, crates etc.	<ul style="list-style-type: none"> A visual inspection of PPE (Personal Protective Equipment) is completed immediately prior to use A thorough equipment check is completed regularly Program staff are trained to recognise worn or faulty equipment Activity equipment usage is logged Participants are briefed on the correct use of equipment Equipment is used, maintained, stored and replaced in accordance with manufacturer guidelines All equipment used must be certified by the manufacturer as suitable for this purpose Crates are inspected for damage prior to commencing activity Climber is to be attached with two auto locking carabiners Equipment belonging to participants must not be used 	Major	Rare	Satisfactory

Risk Description	Existing Control Measures	Risk Rating		
		Consequence	Likelihood	Control Effectiveness
Structure Failure	<ul style="list-style-type: none"> Roof beams are engineered to support loads applied from activity 	Major	Rare	Satisfactory
People – Inappropriate participant behaviour <ul style="list-style-type: none"> Inability or decision not to follow directions or co-operate 	<ul style="list-style-type: none"> Set clear behaviour expectations at the start of the session Group members are briefed on the need to be extremely attentive when spotting Participants who do not display an appropriate and responsible attitude to these tasks must be removed from the activity Encourage a supportive environment Vigilant supervision Outline possible outcomes of inappropriate behaviour Remove individual from the activity or cancel the entire session 	Minor	Unlikely	Satisfactory
People – Participant ability Unable to safely complete activity due to: <ul style="list-style-type: none"> Fear / anxiety Complacency Overconfidence Physical ability 	<ul style="list-style-type: none"> Encourage a supportive team environment Ensure each climber always has a spotter who are alert and concentrating Consider participant age, ability, maturity and experience when briefing the activity The Artificial Rock climbing wall should only be completed by participants that are of appropriate age and ability 	Minor	Likely	Satisfactory
People – Camp Instructor Unsafe practices including: <ul style="list-style-type: none"> Poor supervision by camp instructors 	<ul style="list-style-type: none"> Instructors must follow activity Standard Operating Procedures at all times (SOP's relate to setup, briefings, operation and packup of activity) All instructors are trained and signed off as competent, by a qualified Challenge Ropes Course instructor (L3) before taking on the full responsibility of activity instructor The instructor will complete an activity briefing at the beginning of each session; this should include a description of the activity, outlining of the safety procedures and expectations, the correct use of equipment and basic climbing technique 	Minor	Rare	Satisfactory
People – Group Leader <ul style="list-style-type: none"> Poor supervision by trained group leaders or PIAR instructors 	<ul style="list-style-type: none"> At least one user group leader must be present at all times, this leader must take overall responsibility for the group The user group leader is required to assist with harnessing of participants and to maintain appropriate ratios 	Minor	Unlikely	Satisfactory

Risk Profile -	ARTIFICIAL ROCKCLIMBING
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LIKELIHOOD	HIGH							
	MEDIUM							
	LOW	<ul style="list-style-type: none">• People – participant ability						
		<ul style="list-style-type: none">• Striking 1• People – Inappropriate behaviour• People – Group leader	<ul style="list-style-type: none">• Slip, Trip, Fall 3• People – Camp instructor	<ul style="list-style-type: none">• Entanglement• Slip, Trip, Fall 2	<ul style="list-style-type: none">• Striking 2• Slip, Trip, Fall 4	<ul style="list-style-type: none">• Slip, Trip, Fall 1	<ul style="list-style-type: none">• Equipment Failure• Structure Failure	
	MINOR		MINOR	MODERATE		MODERATE	MAJOR Unlikely – Likely & Certain sections only	CATASTROPHIC Rare section only
	LOW		MEDIUM		HIGH			
	CONSEQUENCE							

LEGENDS

LOW		ALMOST CERTAIN
	LIKELY	
	UNLIKELY	RARE
LOW		

This section of the matrix suggests how each 4 square section is rated in reference to the 'likelihood' risk rating

NOTE

The purpose of the risk profile is to:

- provide a snapshot of all risk assessments
- indicate treatment priorities
- confirm the relative severity of identified risks

Using a title which best represents each risk, plot all assessed risks onto the profile. Plot each risk according to the likelihood and consequence taking into account the rating of the effectiveness of the controls.

This template should be used in conjunction with the Risk Register template.

	Treat risk
	Monitor risk

This legend suggests action re treatment required for each risk.